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RAW SEQUENCE LISTING

DATE: 07/11/2001

PATENT APPLICATION: US/09/518,098B

TIME: 10:21:32

Input Set : A:\#189827 v1 - 114232.107 Sequence Listing.txt

Output Set: N:\CRF3\07112001\I518098B.raw

3 <110> APPLICANT: Shapiro, Leland
5 <120> TITLE OF INVENTION: Inhibitors of Serine Protease Activity, Methods and
6 Compositions for Treatment of Viral Infections
8 <130> FILE REFERENCE: 114232.107
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/518,098B
11 <141> CURRENT FILING DATE: 2000-03-03
13 <150> PRIOR APPLICATION NUMBER: U.S. 60/123,167
14 <151> PRIOR FILING DATE: 1999-03-05
16 <160> NUMBER OF SEQ ID NOS: 19
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 5
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
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27 1 5
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43 <213> ORGANISM: Homo sapiens
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57 1 5
60 <210> SEQ ID NO: 5
61 <211> LENGTH: 5
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63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 5
66 Phe Val Phe Leu Ala
67 1 5
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 5

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73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 6
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77 1 5
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81 <211> LENGTH: 5
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91 <211> LENGTH: 5
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101 <211> LENGTH: 5
102 <212> TYPE: PRT
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105 <400> SEQUENCE: 9
106 Phe Leu Phe Val Val
107 1 5
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111 <211> LENGTH: 5
112 <212> TYPE: PRT
113 <213> ORGANISM: Homo sapiens
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116 Phe Leu Phe Phe Ile
117 1 5
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123 <213> ORGANISM: Homo sapiens
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136 Phe Met Leu Leu Ile
137 1 5
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146 Phe Ile Ile Met Ile
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153 <213> ORGANISM: Homo sapiens
155 <400> SEQUENCE: 14
156 Phe Leu Phe Cys Ile
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161 <211> LENGTH: 5
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165 <400> SEQUENCE: 15
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167   1           5
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171 <211> LENGTH: 5
172 <212> TYPE: PRT
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176 Phe Val Tyr Leu Ile
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209 Cys Leu Val Pro Val Ser Leu Ala Glu Asp Pro Gln Gly Asp Ala Ala
210           20           25           30

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212 Gln Lys Thr Asp Thr Ser His His Asp Gln Asp His Pro Thr Phe Asn
213      35      40      45
215 Lys Ile Thr Pro Asn Leu Ala Glu Phe Ala Phe Ser Leu Tyr Arg Gln
216      50      55      60
218 Leu Ala Ser Thr Asn Ile Phe Phe Ser Pro Val Ser Ile Ala Thr Ala
219      65      70      75      80
221 Phe Ala Met Leu Ser Leu Gly Thr Lys Ala Asp Thr His Asp Glu Ile
222      85      90      95
224 Leu Glu Gly Leu Asn Phe Asn Leu Thr Glu Ile Pro Glu Ala Gln Ile
225      100      105      110
227 His Glu Gly Phe Gln Glu Leu Leu Arg Thr Leu Asn Gln Pro Asp Ser
228      115      120      125
230 Gln Leu Gln Leu Thr Thr Gly Asn Gly Leu Phe Leu Ser Glu Gly Leu
231      130      135      140
233 Lys Leu Val Asp Lys Phe Leu Glu Asp Val Lys Lys Leu Tyr His Ser
234      145      150      155      160
236 Glu Ala Phe Thr Val Asn Phe Gly Asp Thr Glu Glu Ala Lys Lys Gln
237      165      170      175
239 Ile Asn Asp Tyr Val Glu Lys Gly Thr Gln Gly Lys Ile Val Asp Leu
240      180      185      190
242 Val Lys Glu Leu Asp Arg Asp Thr Val Phe Ala Leu Val Asn Tyr Ile
243      195      200      205
245 Phe Phe Lys Gly Lys Trp Glu Arg Pro Phe Glu Val Lys Asp Thr Glu
246      210      215      220
248 Glu Glu Asp Phe His Val Asp Gln Val Thr Thr Val Lys Val Pro Met
249      225      230      235      240
251 Met Lys Arg Leu Gly Met Phe Asn Ile Gln His Cys Lys Lys Leu Ser
252      245      250      255
254 Ser Trp Val Leu Leu Met Lys Tyr Leu Gly Asn Ala Thr Ala Ile Phe
255      260      265      270
257 Phe Leu Pro Asp Glu Gly Lys Leu Gln His Leu Glu Asn Glu Leu Thr
258      275      280      285
260 His Asp Ile Ile Thr Lys Phe Leu Glu Asn Glu Asp Arg Arg Ser Ala
261      290      295      300
263 Ser Leu His Leu Pro Lys Leu Ser Ile Thr Gly Thr Tyr Asp Leu Lys
264      305      310      315      320
266 Ser Val Leu Gly Gln Leu Gly Ile Thr Lys Val Phe Ser Asn Gly Ala
267      325      330      335
269 Asp Leu Ser Gly Val Thr Glu Glu Ala Pro Leu Lys Leu Ser Lys Ala
270      340      345      350
272 Val His Lys Ala Val Leu Thr Ile Asp Glu Lys Gly Thr Glu Ala Ala
273      355      360      365
275 Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro Pro Glu Val
276      370      375      380
278 Lys Phe Asn Lys Pro Phe Val Phe Leu Met Ile Glu Gln Asn Thr Lys
279      385      390      395      400
281 Ser Pro Leu Phe Met Gly Lys Val Val Asn Pro Thr Gln Lys
282      405      410

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number